

# OMNIPRO

## TORNATECH GPD Fire Pump Install Guide



### 1. Unpack Components

- Unpack the monitor, antenna, and data and power cable.
- Inspect all components to ensure there is no shipping damage.

### 2. Installing Antenna

- Place the antenna vertically at the center of the roof of the generator.
- Route the antenna cable into the area of the generator control.
- Ensure a drip loop lower than the monitor to prevent water from running down the antenna cable into the monitor connection.

### 3. Attach the Antenna Cable:

- Attach the antenna cable to the front of the monitor and tighten thumb tight.

### 4. Attaching the Monitor.

- Attach the monitor via its magnetic feet, on top of the engine controller or another appropriate location.
- Horizontal surfaces are best, but the unit may be mounted vertically or even upside down if necessary.

**\*Note: If mounted vertically, install the monitor with the cables down to prevent water from entering the enclosure.**

### 5. Connect the Monitor:

- The monitor can connect to the Tornatech GPD ViZiTouch Fire Pump Panel via Ethernet using the provided Lantronix device.

### 6. Power On and Check LEDs:

- Turn on the monitor and confirm that the LEDs light up and blink.
- If not, check for power wires at the battery.

### 7. Confirm Installation:

- Allow 15 minutes for the monitor to log into the network. Call OmniMetrix at 770-209-0012 to confirm installation.

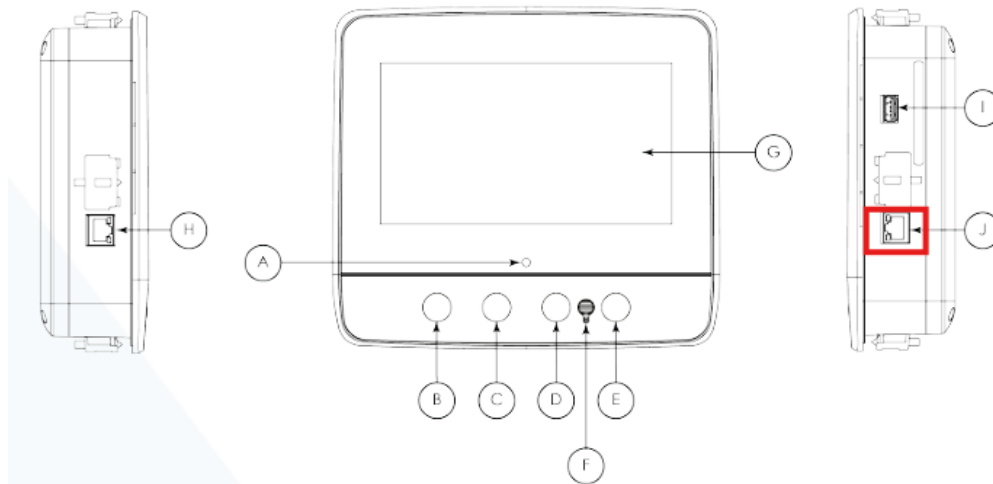


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OmniPro Wiring Diagram			
SLEEVE COLOR	OMNI WIRE	FUNCTION	TERMINATION
Red	Red	Power In (9-30Vdc)	TB-6
	Black	Ground	TB-11
Blue	White	Data +	Lantronix TX+
	Green	Data -	Lantronix RX-

### OPERATOR INTERFACE



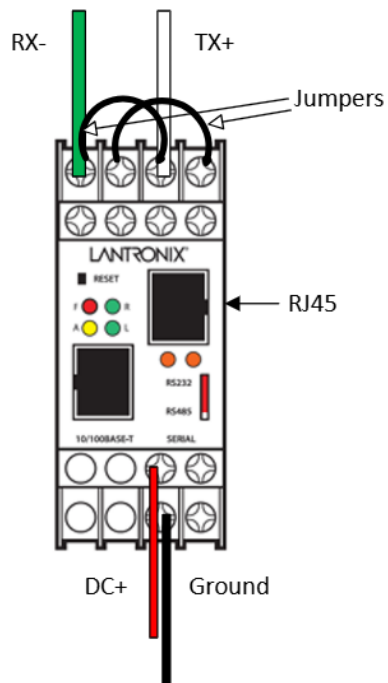
- A. Status LED
- B. Crank 1
- C. Crank 2
- D. Stop
- E. Run test
- F. Alarm buzzer
- G. Touch screen display
- H. Factory reserved
- I. USB key connector for logs download and software updates
- J. Ethernet connector for standard TCP/IP communication



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Lantronix Wiring Diagram		
WIRE	FUNCTION	TERMINATION
Red	Power In (9-30Vdc)	Battery +
Black	Ground	Battery -
White	TX+	Omni RS485 +
Green	RX-	Omni RS485 -
Ethernet Cable	Data	RJ45 to Controller RJ45



**\*Jumpers are converting a 4-wire RS485 connection to a 2-Wire RS485 connection**

If you have any questions, please call OmniMetrix Tech Support at  
770-209-0012 or email at [techsupport@omnimetrix.net](mailto:techsupport@omnimetrix.net)

